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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/791,626

03/01/2004

Robert E. Coifman

RCOIF 3.1-001US

3135

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08/21/2007

EXAMINER

ABEBE, DANIEL DEMELASH

ART UNIT

PAPER NUMBER

2626

MAIL DATE

DELIVERY MODE

08/21/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/791,626

Applicant(s)

COIFMAN ET AL.

Examiner

Daniel D. Abebe

Art Unit

2626

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-25 are rejected under 35 U.S.C. 102(b) as being anticipated by
Attwater et al. (5,778,344)

As to claim 13, Attwater teaches method for recognizing speech in a computerized speech recognition system, comprising a database containing a plurality of vocabularies/entries (Fig.1) each comprising data fields which contain machine representation items, comprising the steps of:

loading a specified vocabulary (entry) for use to recognize a speech input where the vocabulary is associated with a specific criterion;

receiving the speech the speech input;

evaluating the speech input with data fields located in the specified entry/vocabulary; and

Selecting a particular data field within the entry as an input item to the form (Figs. 1-2; Col.1, lines 30-Col.2, line 20; Col.4, line 45-Col..5, line 20).

Attwater explains where "The operation of the apparatus is illustrated in the flow-chart of FIGS. 3a-3c which is implemented as a program stored in the memory 6. The first steps involve the generation, using the synthesiser, of questions to the user, and recognition of the user's responses. Thus

in steps 100, 104, 108 the processor 5 sends to the synthesiser 4 commands instructing it to play announcements requesting the user to speak, respectively the surname, forename and town of the person whose telephone number he seeks. **In steps 102, 106 and 110 the processor sends to the recogniser 5 commands instructing it to recognise the user's responses by reference to phonetic vocabularies corresponding to those fields. The recogniser may access the translation table 9, 10 to determine the vocabularies to be used for each recognition step, or may internally store or generate its own vocabularies; in the latter case the vocabularies used must correspond to those determined by the tables 9, 10 (and, if appropriate, the database) so that it can output only words included in the phonetic vocabulary"**

"the processor 5 has available to it for each of the three fields, one or more phonetic representations deemed to have been recognised. What is required now is a translation to spoken vocabulary representations--i.e. the translation illustrated to the left of FIG. 1. Thus in step 112 the processor accesses the table 9 to determine, for each word, one or more corresponding spoken vocabulary representations, so that it now has three sets of spoken vocabulary representations." (Col.5, lines 10-20).

As to claim 17, Attwater teaches a computerized speech recognition system, comprising:

"a computerized database (first vocabulary, Fig.1, A) containing entries each comprising a plurality of form fields (Fig.1, H, F, G) which contain items/data field corresponding to the entries (Col.1, lines 30-35);

receiving means for receiving user speech;

selecting a field with in an entry based on the user input;

completing the entry by filling all the form field with the item (Col.4, lines 10-14; lines 50-58; Col5, lines 10-20).

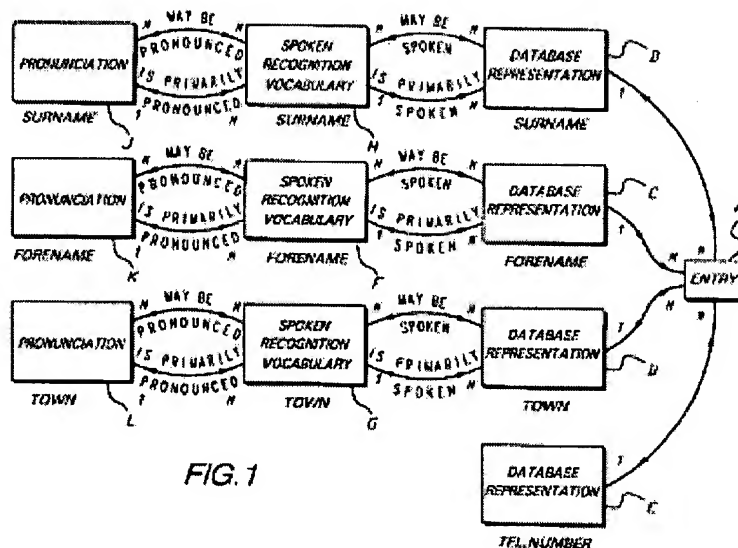


FIG. 1

As to claim 9, Attwater teaches where the system receive a first input representing the entry where the entry has 3 form fields and where the system receives from the user the 3 form fields to complete the form.

As to claims 10-14 and 16, its inherent that Attwater system could be used by doctors for maintaining patient information.

Claims 1 and 15 analogous to claim 13 and are rejected for the foregoing reasons by Attwater., more specifically the multiple vocabulary as well as “computerized form comprising the computerized form field to be filled with a speech recognition system” is taught by Attwater as described above.

With respect to claims 2-8, Attwater teaches where the recognizer also produces a confidence score for each representation indicating the relative probability to the word spoken and where the process of the dialogue is iterative (Col.5, lines 1-5).

As to claims 18-25, Attwater teaches where the criterion for selecting the entry is based on the users choice of menus (Col.4, lines 50-55).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Mazza 2003/0191639 .

Mazza teaches a method for a dynamic and adaptive selection of a vocabulary model for recognizing speech signal comprising,

“loading a specific vocabulary based on the context of the initial speech, and using the selected vocabulary to recognize the speech (see entire document).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel D. Abebe whose telephone number is 571-272-7615. The examiner can normally be reached on monday-friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Hudspeth can be reached on 571-272-7843. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Daniel Abebe Primary Examiner A.U. 2626

A handwritten signature in black ink, appearing to read 'Dan Abebe', with a long horizontal flourish extending to the right.

August 13, 2007